

AMENDMENT TO THE CLAIMSIn the Claims:

On page 18, first line, delete "Claims:" and substitute the following: **--We claim:--**

CLAIM 1 (currently amended):

1. A method of establishing a connection between CPE (Customer Premises Equipment) and a serving switch comprising the steps of:
 - connecting said CPE to a Packet Network;
 - connecting a path between said CPE and said Packet Network to a Home Switch or ~~one or more~~ a Guest Switches Switch connected to said Packet Network, said Home Switch or said Guest Switch for providing originating service to said CPE;
 - ~~wherein selecting said one of said Home Switch or guest Switches Switch is selected as a serving switch,~~ on the basis of a packet header address based on information from said CPE;
 - wherein outgoing calls from said CPE are originated from the selected switch and terminated on a terminating switch for serving a called number.

CLAIM 2 (currently amended):

2. The method of Claim 1, wherein the step of ~~providing said packet address~~ selecting comprises the step of storing said packet header address in said CPE.

CLAIM 3 (currently amended):

3. The method of Claim 1, wherein said CPE can be served from one of a plurality of switches connected to said Packet Network, and wherein the step of connecting said CPE to a selected one of said switches comprises the step ~~of~~ of providing information from said CPE for selecting a packet header address of said selected one of said switches.

CLAIM 4 (currently amended):

4. The method of Claim 1, wherein the step of connecting a path between said CPE and said Packet Network, comprises the step of connecting a Gateway of said CPE to a port of said Packet Network, and connecting another port of said Packet Network to a Gateway connected to said Home Switch, or connected to ~~one of said one or more guest Switches~~ a Guest Switch.

CLAIM 5 (currently amended):

5. The method of Claim 1, further comprising the ~~step~~ steps of:
calling said CPE by establishing a connection from a caller to a Guest Switch; and
connecting a path between said Guest Switch and said CPE.

CLAIM 6 (original):

6. The method of Claim 5, wherein the step of connecting a path between said Guest Switch and said CPE comprises the step of connecting a path between said Guest Switch and said CPE through said Packet Network.

CLAIM 7 (original):

7. The method of Claim 1, further comprising the steps of:
disconnecting said CPE from said Packet Network;
reconnecting said CPE to said Packet Network at a different port; and
recording an identity of said different port for completing calls to and from said CPE at said different port.

CLAIM 8 (currently amended):

8. The method of Claim 1, wherein said Packet Network is connected to a Service Administration ~~Terminal~~; Terminal, further comprising the step ~~of~~ of transmitting signals via said ~~Paek~~ Packet Network from said Service Administration Terminal to said CPE for changing an identity of a switch for serving outgoing calls.

CLAIM 9 (currently amended):

9. In a telecommunication network comprising a Packet Network, a Home Switch and at least one Guest Switch, apparatus for establishing a connection between CPE (Customer Premises Equipment) and a serving switch comprising the steps of:
means for connecting said CPE to a Packet Network;
means for connecting a path between said CPE and said Packet Network to a Home Switch or ~~one or more a Guest Switches~~ Switch connected to said Packet Network, said Home Switch or said Guest Switch for providing originating service to said CPE;
and
means for selecting as a serving switch, one of said Home Switch or said Guest Switches on the basis of a packet header address based on information from said CPE;

wherein outgoing calls from said CPE are originated from the selected switch and terminated on a terminating switch for serving a called number.

CLAIM 10 (currently amended):

The apparatus of Claim 9, wherein the means for selecting comprises means for storing said packet header address in said CPE.

CLAIM 11 (currently amended):

11. The apparatus of Claim 9, wherein said CPE can be served from one of a plurality of switches connected to said Packet Network, and wherein the means for connecting said CPE to a selected one of said switches ~~comprises:~~ comprises means for providing information from said CPE for selecting a packet header address of said selected one of said switches.

CLAIM 12 (original):

12. The apparatus of Claim 9, wherein the means for connecting a path between said CPE and said Packet Network, comprises means for connecting a Gateway of said CPE to a port of said Packet Network, and means for connecting another port of said Packet Network to a Gateway connected to said Home Switch or connected to ~~one of~~ said ~~one or more~~ Guest Switches Switch.

CLAIM 13 (currently amended):

13. The apparatus of claim 9, further comprising:

means for calling said CPE by establishing a connection from a caller to a Guest Switch; and

means for connecting a path between said Guest Switch and said CPE.

CLAIM 14 (original):

14. The apparatus of Claim 13, wherein the means for connecting a path between said Guest Switch and said CPE comprises means for connecting a path between said Guest Switch and said CPE through said Packet Network.

CLAIM 15 (original):

15. The apparatus of Claim 9, further comprising:

means for detecting a disconnection of said CPE from said Packet Network;

means for detecting a re-connection of said CPE to said Packet Network at a different port; and

means for recording an identity of said different port for completing calls to and from said CPE at said different port.

CLAIM 16 (currently amended):

16. The apparatus of Claim 9, wherein said Packet Network is connected to a Service Administration ~~Terminal~~; Terminal, further comprising means ~~for~~ for transmitting signals via said Packet Network from said Service Administration Terminal to said CPE for changing an identity of a switch for serving outgoing calls.

CLAIM 17 (new):

17. The method of Claim 5 wherein said CPE has a telephone number served by said Guest Switch and said caller calls said telephone number served by said Guest Switch.

CLAIM 18 (new):

18. The apparatus of Claim 13 wherein said CPE has a telephone number served by said Guest Switch and said caller calls said telephone number served by said Guest Switch.